

L Number	Hits	Search Text	DB	Time stamp
1	361	((524/483) or (524/490)).CCLS.	USPAT; US-PGPUB	2003/02/14 14:22
2	42	((524/483) or (524/490)).CCLS.) and polycarbonate\$	USPAT; US-PGPUB	2003/02/14 14:53
3	319	((524/483) or (524/490)).CCLS.) not (((524/483) or (524/490)).CCLS.) and polycarbonate\$)	USPAT; US-PGPUB	2003/02/14 14:56
4	428	(525/146).CCLS.	USPAT; US-PGPUB	2003/02/14 14:56
5	427	((525/146).CCLS.) not (((524/483) or (524/490)).CCLS.) and polycarbonate\$)	USPAT; US-PGPUB	2003/02/14 16:00
6	4539	polycarbonate\$[ab]	USPAT; US-PGPUB	2003/02/14 16:00
7	2	polycarbonate\$[ab] and (squalane\$ or squalene\$)	USPAT; US-PGPUB	2003/02/14 16:01

(FILE 'HOME' ENTERED AT 13:18:42 ON 14 FEB 2003)

FILE 'REGISTRY' ENTERED AT 13:18:51 ON 14 FEB 2003

L1 1 S SQUALENE/CN
L2 1 S SQUALANE/CN

FILE 'CA' ENTERED AT 13:19:19 ON 14 FEB 2003

L3 52061 S C08L069?/IC OR POLYCARBONATE?
L4 12 S L3 AND (L1 OR L2)
L5 4742 S L1 OR L2 NOT L4
L6 1 S L5 AND (MOLD(W)RELEAS?)
L7 129 S L5 AND LUBRIC?

L4 ANSWER 10 OF 12 CA COPYRIGHT 2003 ACS
 AN 104:179445 CA
 TI Study of a block copolymer-modifying additive-sorbate system by reversed gas chromatography
 AU Voznyakovskii, A. P.; Genkin, A. N.; Petrova, N. A.
 CS Vses. Nauchno-Issled. Inst. Sint. Kauch., Leningrad, USSR
 SO Zhurnal Fizicheskoi Khimii (1986), 60(3), 686-9
 CODEN: ZFKHA9; ISSN: 0044-4537
 DT Journal
 LA Russian
 CC 80-3 (Organic Analytical Chemistry)
 Section cross-reference(s): 66
 AB Addn. of 1-2 wt.% modifier (dinonyl phthalate, Qualan) to block copolymer sorbent (polyacrylate siloxane and **polycarbonate** siloxane) causes a significant decrease of values of the sp. retention vols. of sorbates and a change of temp. dependence of the retention vols. The changes occur by blocking of adsorption centers of domains of the rigid blocks by modifier mols.
 ST block polymer modification chromatog retention; retention sorbent block polymer modification
 IT Siloxanes and Silicones, uses and miscellaneous
 RL: ANST (Analytical study); USES (Uses)
 (retention chromatog. with)
 IT Chromatography, gas
 (reverse, retention in, modification of block polymer sorbents in relation to)
 IT 24936-68-3D, siloxane polymers
 RL: ANST (Analytical study)
 (retention chromatog. with)
 IT 84-76-4 **111-01-3**
 RL: ANST (Analytical study)
 (sorbent block polymer modification by, reverse gas chromatog. retention in relation to)
 IT 79-10-7D, esters 25037-45-0D, siloxane polymers
 RL: ANST (Analytical study)
 (sorbent, modification of, reverse gas chromatog. retention in relation to)

L7 ANSWER 126 OF 129 CA COPYRIGHT 2003 ACS
 AN 67:27383 CA
 TI Magnetic composition for the fabrication of supports of a magnetic recorder
 PA Sony Corp.
 SO Fr., 4 pp.
 CODEN: FRXXAK
 DT Patent
 LA French
 IC G11B
 CC 72 (Magnetic Phenomena)
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 1462080		19661209		
PRAI	JP		19641230		
AB	This magnetic compn. contains 0.5-20 parts binder such as poly(vinyl chloride) copolymers, poly(vinyl acetate), or epoxy resins per 100 parts magnetic material and a hydrocarbon lubricant . The magnetic material is an Fe oxide contg. Fe 30-70, Co 40-80, and Ni 0-20%. For example, 200 g. .gamma.-Fe2O3, 55 g. vinyl chloride-vinyl acetate copolymer, and a lubricant contg. squalene were mixed in 250 g. MeCOEt. The dispersion was placed on a polyester base and liquid evapd. to form a magnetic tape. The degree of wear of this magnetic support was <1/10 the wear of a conventional tape.				
ST	MAGNETIC RECORDING MATERIALS; RECORDING MATERIALS MAGNETIC				
IT	Tape (magnetic-recording, wear-resistant, from hydrocarbon lubricants and iron oxide (.gamma.-Fe2O3))				
IT	111-02-4	1921-70-6	3234-84-2		
	RL: PRP (Properties) (as magnetic-recording tape self- lubricant)				
IT	1309-37-1, uses and miscellaneous RL: USES (Uses) (magnetic recording tape (wear-resistant) from hydrocarbon lubricants and .gamma.-)				

L7 ANSWER 29 OF 129 CA COPYRIGHT 2003 ACS
 AN 129:43178 CA
 TI Microcapsules for laying electric wires and cables and laying method of
 the electric wires and cables using them
 IN Yoshida, Shin; Sato, Kanjo
 PA Showa Electric Wire and Cable Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 3 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 IC ICM C10M171-00
 ICS H02G001-08; C10N020-06; C10N040-14; C10N050-08
 CC 51-8 (Fossil Fuels, Derivatives, and Related Products)
 Section cross-reference(s): 38, 42

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 10130686	A2	19980519	JP 1996-291860	19961101
PRAI	JP 1996-291860		19961101		
AB	Microcapsules for laying elec. wires and cables contain liq. lubricants (e.g., squalane) enclosed by low-m.p. thermoplastic resin membranes (e.g., ethylene-vinyl acetate copolymer resins). The microcapsules can be coated on the surfaces of elec. wires and cables or injected into wires for extension of elec. wires and cables.				
ST	elec wire microcapsule thermoplastic liq lubricant; laying cable microcapsule coating wire extending				
IT	Ethylene-propylene rubber Neoprene rubber, uses RL: NUU (Other use, unclassified); POF (Polymer in formulation); TEM (Technical or engineered material use); USES (Uses) (fire-resistant sheath cables; microcapsules for laying elec. wires and cables and laying method of elec. wires and cables using them)				
IT	Lubricants (liq.; microcapsules for laying elec. wires and cables and laying method of elec. wires and cables using them)				
IT	Electric cables Lubrication Microcapsules (microcapsules for laying elec. wires and cables and laying method of elec. wires and cables using them)				
IT	Plastics, uses RL: NUU (Other use, unclassified); TEM (Technical or engineered material use); USES (Uses) (thermoplastics, microcapsules contg. liq. lubricants in; microcapsules for laying elec. wires and cables and laying method of elec. wires and cables using them)				
IT	9010-79-1 RL: NUU (Other use, unclassified); POF (Polymer in formulation); TEM (Technical or engineered material use); USES (Uses) (ethylene-propylene rubber, fire-resistant sheath cables; microcapsules for laying elec. wires and cables and laying method of elec. wires and cables using them)				
IT	111-01-3, Squalane RL: NUU (Other use, unclassified); TEM (Technical or engineered material use); USES (Uses) (liq. lubricant in; microcapsules for laying elec. wires and				

Cables and laying method of elec. wires and cables using them)
IT 24937-78-8, Ethylene-vinyl acetate copolymer
RL: NUU (Other use, unclassified); TEM (Technical or engineered material use); USES (Uses)
(microcapsules contg. liq. **lubricants** in membranes of;
microcapsules for laying elec. wires and cables and laying method of
elec. wires and cables using them)
IT 9010-98-4
RL: NUU (Other use, unclassified); POF (Polymer in formulation); TEM
(Technical or engineered material use); USES (Uses)
(neoprene rubber, fire-resistant sheath cables; microcapsules for
laying elec. wires and cables and laying method of elec. wires and
cables using them)